

**In the Abstract of the Disclosure:**

Please add the following Abstract of the Disclosure, following page 42 of the specification, to read as follows. In accordance with 37 CFR § 1.72, the abstract is submitted herewith on a separate sheet of paper, following page 12 of this amendment.

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**BIOABSORBABLE PLUG IMPLANTS AND  
METHOD FOR BONE TISSUE REGENERATION**

**Abstract of the Disclosure**

A bioabsorbable plug implant, suitable for bone tissue regeneration, comprising a first portion, and a second portion extending outwardly from the first portion, the first and second portions formed from expandable material. A method for bone tissue regeneration comprising the steps of: providing a bioabsorbable plug implant, wherein the implant comprises a first portion and a second portion extending outwardly from the first portion, the first and second portions formed from expandable material; inserting the second portion into a defect or gap of a bone, the first surface engaging the outside contour of the defect or gap; allowing the plug implant to contact body fluids, thereby expanding the size of the plug implant so that the plug fits into the defect or gap. --